

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2005/001923

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 B29C47/90  
//B29L7:00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	EP 1 488 910 A (REIFENHAEUSER GMBH & CO. MASCHINENFABRIK) 22 December 2004 (2004-12-22) column 3, line 19 - line 48 column 4, line 41 - line 58 column 11, line 45 - line 56 column 10, line 54 - column 11, line 8 figures 1-3d,6	1-16
X	US 3 321 563 A (RETTIG AUGUST ET AL) 23 May 1967 (1967-05-23) column 3, line 15 - line 33 column 3, line 47 - line 67 figure; example	1-10
A		11-16
	----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

1 June 2005

Date of mailing of the international search report

10/06/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Jensen, K

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/001923

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1488910	A	22-12-2004	DE 20309429 U1	18-09-2003
			CN 1572467 A	02-02-2005
			CN 1572470 A	02-02-2005
			EP 1488909 A1	22-12-2004
			EP 1488910 A1	22-12-2004
			US 2005029713 A1	10-02-2005
			US 2005017123 A1	27-01-2005
US 3321563	A	23-05-1967	DE 1196850 B	15-07-1965
			BE 638543 A	
			FR 1371585 A	04-09-1964
			GB 1053528 A	
			NL 299072 A	
US 5128076	A	07-07-1992	AU 1654892 A	21-10-1992
			CA 2105065 A1	22-09-1992
			CN 1065037 A	07-10-1992
			DE 69210590 D1	13-06-1996
			DE 69210590 T2	05-12-1996
			EP 0575542 A1	29-12-1993
			ES 2086738 T3	01-07-1996
			JP 6506164 T	14-07-1994
			MX 9201188 A1	01-10-1992
			WO 9216359 A1	01-10-1992
WO 03033241	A	24-04-2003	BR 0213229 A	28-09-2004
			CA 2430810 A1	04-07-2002
			CA 2463024 A1	24-04-2003
			WO 03033238 A1	24-04-2003
			WO 03033241 A1	24-04-2003
			EP 1345749 A1	24-09-2003
			EP 1436138 A1	14-07-2004
			JP 2005505448 T	24-02-2005
			RU 2239556 C1	10-11-2004
			TR 200400753 T2	21-09-2004
			TW 575492 B	11-02-2004
			TW 548175 B	21-08-2003
			US 2004070105 A1	15-04-2004
			US 2004247730 A1	09-12-2004
			MX PA04003322 A	08-07-2004